

ABSTRACT

This invention includes an improved organophotoreceptor having an electrically conductive substrate and a photoconductive element on the electrically conductive substrate where the photoconductive element comprises:

5 (a) a charge transport material having the formula



where Y and Y' comprise, each independently, a 9-fluorenylidene group; and X is a conjugated linking group that allows the delocalization of pi electrons over at least Y and Y', such as a 1,2-ethanediylidene group, a 1,4-phenylenedimethylidyne group, a 2,4-10 cyclohexadienylidene group, a 2,5-cyclohexadienylidene group, a bicyclohexylidene-2,5,2',5'-tetraene group, a bicyclohexylidene-2,4,2',4'-tetraene group, or a combination thereof; and

(b) a charge generating compound.

Corresponding electrophotographic apparatuses and imaging methods are
15 described.